

Expanded Newborn Screening

In 2001, RSMo 191.332 expanded the number of metabolic/genetic conditions screened in Missouri to include galactosemia, cystic fibrosis, biotinidase deficiency, congenital adrenal hyperplasia (CAH), maple syrup urine disease (MSUD), other amino acid disorders, glucose-6-phosphate dehydrogenase deficiency (G-6-PD), MCAD and other fatty acid oxidation disorders, methylmalonic acidemia, propionic acidemia, isovaleric acidemia and glutaric acidemia type 1.

Until such time the Department of Health Senior Services (DHSS) is able to implement expanded newborn screening, using tandem mass spectrometry, parents who would like to have their infant screened for conditions not currently screened for by the Newborn Screening Program, can contact a private laboratory. Provision of the following private laboratories is for informational purposes only, and does not necessarily include all private laboratories doing expanded newborn screening, and does not imply endorsement by the DHSS.

What is it?

There are private laboratories that offer “expanded” newborn screening for a fee. Expanded newborn screening greatly expands newborn screening coverage of the metabolic conditions. In addition to screening for PKU, expanded newborn screening can screen for 10 other amino acid disorders, as well as screening for organic acid disorders and fatty acid oxidation disorders. These 20 –25 disorders are screened in the blood specimen, avoiding the need for an additional blood spot specimen.

Some private laboratories that offer expanded newborn screening do not have the capability to screen for congenital hypothyroidism, galactosemia, hemoglobinopathies and congenital adrenal hyperplasia.

If you are interested in screening your baby for these additional metabolic/genetic conditions please contact one of the private laboratories listed below. The fee for expanded newborn screening depends upon the private laboratory you choose and which tests are performed. Provision of laboratory names is for informational purposes only, does not necessarily include all laboratories doing expanded newborn screening and does not imply endorsement by the state of Missouri.

Where can I get services?

Baylor Medical Center Institute of Metabolic Disease

800-422-9567

<http://www.baylorhealth.com/newbornscreening/>

Cbr NewScreen

800-747-3319

<http://www.newscreentest.com/aboutnewscreen/benefits.htm>

Mayo Medical Laboratories

800-533-1710

www.mayoreferenceservices.org/mml/index.asp

Neo Gen Screening

866-4-NEOGEN

<http://www.Neogenscreening.com>